

EVOLUTION OF MAPBASIC :

part 2

Menus, shortcutmenus and buttonpads

from version 3.0 to version 6.5

in the Windows environment

A compilation by

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This compilation is based on the contents of the MapInfoW.MNU and Menu.DEF files. I have added also my own exp. I have added also my own experience and observations, and the results of some consultations.

The MNU file is a simple text file that is very easy to modify, as is the DEF file, but that is more tempting to change in order to adapt it to personal needs. As I have relied on files from several origins, I cannot guarantee the integrity of every file.

These files have no external version stamp, and if a version is indicated in their header, it is not necessarily that of the version to which they are supposed to correspond. Finally, at least one def files does not include the definitions for all the items in the mnu files for that version.

I followed simple presentation rules In this document:

a **bold item** indicates that it has been added since v300; its **bold code** shows the versionwith which it appeared

italics attract the attention on an item with a “special” history

not-all-caps defines are temporary descriptions given until proper defines are given by MI.

The document is in several sections.

1 – the ID’s of the Menus, ShortCut Menus and ButtonPads	page 1
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6 – where the menu items are being used.	page 10

There is one change that could not be recorded under any other heading : in version 4.0, the number of different menus that can be defined at one time doubled from 48 to 96

MENUS ID (sub-menus sID), SHORTCUT MENUS ID and BUTTONPADS ID

note: sub-menus (sID) are given a name only, not an ID

MENUS	v650	v600	v550	v500	v450	v412	v410	v400	v300
File	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1
Send Mail (sub of File)	ID 30	ID 30	ID 30	ID 23	ID 23	ID 23	ID 23	ID 23	
Edit	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2
Objects	ID 14	ID 14	ID 14	ID 14	ID 14	ID 14	ID 14	ID 14	ID 14
Query	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3
Table	ID 15	ID 15	ID 15	ID 15	ID 15	ID 15	ID 15	ID 15	ID 15
Maintenance (s of Table)	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15
Raster (sub of Table)	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15	sID 15
Options	ID 5	ID 5	ID 5	ID 5	ID 5	ID 5	ID 5	ID 5	ID 5
Window	ID 6	ID 6	ID 6	ID 6	ID 6	ID 6	ID 6	ID 6	ID 6
Help	ID 7	ID 7	ID 7	ID 7	ID 7	ID 7	ID 7	ID 7	ID 7
Browse	ID 8	ID 8	ID 8	ID 8	ID 8	ID 8	ID 8	ID 8	ID 8
Map	ID 9	ID 9	ID 9	ID 9	ID 9	ID 9	ID 9	ID 9	ID 9
Layout	ID 10	ID 10	ID 10	ID 10	ID 10	ID 10	ID 10	ID 10	ID 10
Graph	ID 11	ID 11	ID 11	ID 11	ID 11	ID 11	ID 11	ID 11	ID 11
MapBasic	ID 12	ID 12	ID 12	ID 12	ID 12	ID 12	ID 12	ID 12	ID 12
Redistrict	ID 13	ID 13	ID 13	ID 13	ID 13	ID 13	ID 13	ID 13	ID 13
Legend	ID 31	ID 31	ID 31	ID 31					
Graph	ID 29	ID 29	ID 29						
3DMap	ID 28	ID 28							
<i>Tools</i> (note a)	ID 4	ID 4	ID 4	ID 4	ID 4	ID 4	ID 4	ID 4	ID 4
Crystal Reports	sID 4	sID 4	sID 4	sID 4					

SHORTCUTS	v650	v600	v550	v500	v450	v412	v410	v400	v300
DefaultShortcut	ID 16	ID 16	ID 16	ID 16	ID 16	ID 16	ID 16	ID 16	
MapperShortcut	ID 17	ID 17	ID 17	ID 17	ID 17	ID 17	ID 17	ID 17	
BrowserShortcut	ID 18	ID 18	ID 18	ID 18	ID 18	ID 18	ID 18	ID 18	
LayoutShortcut	ID 19	ID 19	ID 19	ID 19	ID 19	ID 19	ID 19	ID 19	
GrapherShortcut	ID 20	ID 20	ID 20	ID 20	ID 20	ID 20	ID 20	ID 20	
CmdShortcut	ID 21	ID 21	ID 21	ID 21	ID 21	ID 21	ID 21	ID 21	
RedistrictShortcut	ID 22	ID 22	ID 22	ID 22	ID 22	ID 22	ID 22	ID 22	
LegendShortcut	ID 23	ID 23	ID 23	ID 23					
GrapherShortcut	ID 24	ID 24	ID 24						
3DmapShortcut	ID 25	ID 25							

BUTTONPADS	v650	v600	v550	v500	v450	v412	v410	v400	v300
Main	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1	ID 1
Drawing	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2	ID 2
Tools	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3	ID 3
Standard	ID 4	ID 4	ID 4	ID 4	ID 4	ID 4	ID 4	ID 4	
DBMS (note b)	ID 5	ID 5	ID 5	<i>ID 5</i>	<i>ID 5</i>	<i>ID 5</i>	<i>ID 5</i>	ID 5	

note a A Tools menu was defined for backwards compatibility before 450 but not loaded. A new definition is loaded starting with v450

note b Renamed from ODBC to DBMS in version 550

note There was a possible confusion in v500 on ID 23 (Send Mail and LegendShortCut). Send Mail was re-indexed ID 30 in v550

DEFINES (from menu.def files) or *Descriptions* (not defined but in mapinfow.mnu)

in the v650 order. Bold indicates new “items” and the version in which they appeared after v300

Some items noted (*) have been used before their definitions appeared in the def file only in v650

Menus	v650	v600	v550	v500	v450	v412	v410	v400	v300
File									
M_FILE_NEW	101	101	101	101	101	101	101	101	101
M_FILE_OPEN	102	102	102	102	102	102	102	102	102
M_FILE_OPEN_ODBC	116	116	116	116	116	116	116	116	
M_FILE_ADD_WORKSPACE	108	108	108	108	108	108	108	108	108
M_FILE_CLOSE	103	103	103	103	103	103	103	103	103
M_FILE_CLOSE_ALL	104	104	104	104	104	104	104	104	104
M_FILE_CLOSE_ODBC	124	124	124	(*)					
M_FILE_SAVE	105	105	105	105	105	105	105	105	105
M_FILE_SAVE_COPY_AS	106	106	106	106	106	106	106	106	106
M_FILE_SAVE_QUERY	117	117	117	117	(*)				
M_FILE_SAVE_WORKSPACE	109	109	109	109	109	109	109	109	109
M_FILE_SAVE_WINDOW_AS	609	609	609	609	609	609	609	609	(609)*
M_FILE_REVERT	107	107	107	107	107	107	107	107	107
<i>M_FILE_RUN</i>		110	110	110	110	110	110	110	110
M_FILE_PAGE_SETUP	111	111	111	111	111	111	111	111	111
M_FILE_PRINT	112	112	112	112	112	112	112	112	112
M_FILE_EXIT	113	113	113	113	113	113	113	113	113
Send Mail	sub of File								
M_SENDMAIL_CURRENTWINDOW	114	114	114	114	114	114	114	114	
M_SENDMAIL_WORKSPACE	115	115	115	115	115	115	115	115	
Edit									
M_EDIT_UNDO	201	201	201	201	201	201	201	201	201
M_EDIT_CUT	202	202	202	202	202	202	202	202	202
M_EDIT_COPY	203	203	203	203	203	203	203	203	203
M_EDIT_PASTE	204	204	204	204	204	204	204	204	204
M_EDIT_CLEAR	205	205	205	205	205	205	205	205	205

Menus	v650	v600	v550	v500	v450	v412	v410	v400	v300
M_EDIT_CLEAROBJ	206	206	206	206	206	206	206	206	206
M_EDIT_RESHAPE	1601	1601	1601	1601	1601	1601	1601	1601	1601
M_EDIT_NEW_ROW	702	702	702	702	702	702	702	702	702
M_EDIT_GETINFO	207	207	207	207	207	207	207	207	207
Objects									
M_OBJECTS_SET_TARGET	1610	1610	1610	1610	1610	1610	1610	1610	1610
M_OBJECTS_CLEAR_TARGET	1611	1611	1611	1611	1611	1611	1611	1611	1611
M_OBJECTS_COMBINE	1605	1605	1605	1605	1605	1605	1605	1605	1605
M_OBJECTS_SPLIT	1612	1612	1612	1612	1612	1612	1612	1612	1612
M_OBJECTS_ERASE	1613	1613	1613	1613	1613	1613	1613	1613	1613
M_OBJECTS_ERASE_OUT	1614	1614	1614	1614	1614	1614	1614	1614	1614
M_OBJECTS_OVERLAY	1615	1615	1615	1615	1615	1615	1615	1615	1615
M_OBJECTS_BUFFER	1606	1606	1606	1606	1606	1606	1606	1606	1606
M_OBJECTS_CONVEX_HULL	1616	1616	(*)						
M_OBJECTS_ENCLOSE	1617	1617	(*)						
M_OBJECTS_CHECK_REGIONS	1618	1618	(*)						
M_OBJECTS_SMOOTH	1602	1602	1602	1602	1602	1602	1602	1602	1602
M_OBJECTS_UNSMOOTH	1603	1603	1603	1603	1603	1603	1603	1603	1603
M_OBJECTS_CVT_PGON	1607	1607	1607	1607	1607	1607	1607	1607	1607
M_OBJECTS_CVT_PLINE	1604	1604	1604	1604	1604	1604	1604	1604	1604
M_OBJECTS_CLEAN	1619								
M_OBJECTS_SNAP	1620								
M_OBJECTS_DISAGGREGATE	1621								
Query									
M_QUERY_SELECT	301	301	301	301	301	301	301	301	(301)*
M_QUERY_SQLQUERY	302	302	302	302	302	302	302	302	(302)*

Menus	v650	v600	v550	v500	v450	v412	v410	v400	v300
M_QUERY_SELECTALL	303	303	303	303	303	303	303	303	(303)*
M_QUERY_INVERTSELECT	311								
M_QUERY_UNSELECT	304	304	304	304	304	304	304	304	(304)*
M_QUERY_FIND	305	305	305	305	305	305	305	305	(305)*
M_QUERY_FIND_SELECTION	306	306	306	306	306	306	306	306	(306)*
M_QUERY_CALC_STATISTICS	309	309	309	309	309	309	309	309	(309)*
Table									
M_TABLE_UPDATE_COLUMN	405	405	405	405	405	405	405	405	405
M_TABLE_APPEND	411	411	411	411	411	411	411	411	411
M_TABLE_GEOCODE	407	407	407	407	407	407	407	407	407
M_TABLE_CREATE_POINTS	408	408	408	408	408	408	408	408	408
M_TABLE_MERGE_USING_COLUMN	406	406	406	406	406	406	406	406	406
M_TABLE_IMPORT	401	401	401	401	401	401	401	401	401
M_TABLE_EXPORT	402	402	402	402	402	402	402	402	402
Maintenance sub of Table									
M_TABLE_MODIFY_STRUCTURE	404	404	404	404	404	404	404	404	404
M_TABLE_DELETE	409	409	409	409	409	409	409	409	409
M_TABLE_RENAME	410	410	410	410	410	410	410	410	410
M_TABLE_PACK	403	403	403	403	403	403	403	403	403
M_TABLE_MAKEMAPPABLE	415	415	415	415	415	415	415	415	415
M_TABLE_CHANGESYMBOL	418	418	418	418	418	418	418	418	418
M_TABLE_UNLINK	416	416	416	416	416	416	416	416	416
M_TABLE_REFRESH	417	417	417	417	417	417	417	417	417
Raster sub of Table									
M_TABLE_RASTER_STYLE	414	414	414	414	414	414	414	414	414
M_TABLE_RASTER_REG	413	413	413	413	413	413	413	413	413
M_TOOLS_RASTER_REG	1730	1730	1730	1730	1730	1730	1730	1730	1730
Options									
M_FORMAT_PICK_LINE	501	501	501	501	501	501	501	501	501
M_FORMAT_PICK_FILL	502	502	502	502	502	502	502	502	502

Menus	v650	v600	v550	v500	v450	v412	v410	v400	v300
M_FORMAT_PICK_SYMBOL	503	503	503	503	503	503	503	503	503
M_FORMAT_PICK_FONT	504	504	504	504	504	504	504	504	504
M_WINDOW_BUTTONPAD	605	605	605	605	605	605	605	605	605
M_WINDOW_LEGEND	606	606	606	606	606	606	606	606	606
M_WINDOW_STATISTICS	607	607	607	607	607	607	607	607	607
M_WINDOW_MAPBASIC	608	608	608	608	608	608	608	608	608
M_WINDOW_STATUSBAR	616	616	616	616	616	616	616	616	616
M_FORMAT_CUSTOM_COLORS	617	617	617	617	617	617	617	617	617
M_EDIT_PREFERENCES	208	208	208	208	208	208	208	208	208
Window									
M_WINDOW_BROWSE	601	601	601	601	601	601	601	601	601
M_WINDOW_MAP	602	602	602	602	602	602	602	602	602
M_WINDOW_GRAPH	603	603	603	603	603	603	603	603	603
M_WINDOW_LAYOUT	604	604	604	604	604	604	604	604	604
M_WINDOW_REDISTRIBUTE	615	615	615	615	615	615	615	615	615
M_WINDOW_REDRAW	610	610	610	610	610	610	610	610	610
M_WINDOW_TILE	611	611	611	611	611	611	611	611	611
M_WINDOW_CASCADE	612	612	612	612	612	612	612	612	612
M_WINDOW_ARRANGEICONS	613	613	613	613	613	613	613	613	613
Help									
M_HELP_CONTENTS									1202
M_HELP_SEARCH	1203	1203	1203	1203	1203	1203	1203	1203	1203
M_HELP_USE_HELP									1204
M_HELP_TECHSUPPORT									1208
M_HELP_MAPINFO_WWW	1210	1210	1210	1210	1210	1210	1210	1210	1210
M_HELP_MAPINFO_WWW_STORE	1211	1211	1211	1211	1211	1211	1211	1211	1211
M_HELP_CONNECT_MIFORUM	1209	1209	1209	1209	1209	1209	1209	1209	1209
M_HELP_ABOUT	1205	1205	1205	1205	1205	1205	1205	1205	1205
Browse									
M_BROWSE_PICK_FIELDS	704	704	704	704	704	704	704	704	704
M_BROWSE_OPTIONS	703	703	703	703	703	703	703	703	703

Menus	v650	v600	v550	v500	v450	v412	v410	v400	v300
Map									
M_MAP_LAYER_CONTROL	801	801	801	801	801	801	801	801	801
M_MAP_CREATE_3DMAP	817	817							
M_MAP_CREATE_PRISMMAP	818								
M_MAP_THEMATIC	307	307	307	307	307	307	307	307	307
M_MAP_MODIFY_THEMATIC	308	308	308	308	308	308	308	308	308
M_MAP_CREATE_LEGEND	816	816	816	816					
M_MAP_CHANGE_VIEW	805	805	805	805	805	805	805	805	805
M_MAP_CLONE_MAPPER	811	811	811	811	811	811	811	811	
M_MAP_PREVIOUS	806	806	806	806	806	806	806	806	806
M_MAP_ENTIRE_LAYER	807	807	807	807	807	807	807	807	807
M_MAP_AUTOLABEL									804
M_MAP_CLEAR_CUSTOM_LABELS	814	814	814	814	814	814	814	814	
M_MAP_SAVE_COSMETIC	809	809	809	809	809	809	809	809	809
M_MAP_CLEAR_COSMETIC	810	810	810	810	810	810	810	810	810
M_MAP_SET_CLIP_REGION	812	812	812	812	812	812	812	812	
M_MAP_CLIP_REGION_ONOFF	813	813	813	813	813	813	813	813	
M_MAP_SETUPDIGITIZER	803	803	803	803	803	803	803	803	803
M_MAP_OPTIONS	802	802	802	802	802	802	802	802	802
Layout									
M_LAYOUT_CHANGE_VIEW	902	902	902	902	902	902	902	902	902
M_LAYOUT_ACTUAL	903	903	903	903	903	903	903	903	903
M_LAYOUT_ENTIRE	904	904	904	904	904	904	904	904	904
M_LAYOUT_PREVIOUS	905	905	905	905	905	905	905	905	905
M_LAYOUT_BRING2FRONT	906	906	906	906	906	906	906	906	906
M_LAYOUT_SEND2BACK	907	907	907	907	907	907	907	907	907
M_LAYOUT_ALIGN	908	908	908	908	908	908	908	908	908
M_LAYOUT_DROPSHADOWS	909	909	909	909	909	909	909	909	909
M_LAYOUT_DISPLAYOPTIONS	901	901	901	901	901	901	901	901	901

Menus	v650	v600	v550	v500	v450	v412	v410	v400	v300
Graph									
M_GRAPH_TYPE	1001	1001	1001	1001	1001	1001	1001	1001	1001
M_GRAPH_LABEL_AXIS	1002	1002	1002	1002	1002	1002	1002	1002	1002
M_GRAPH_VALUE_AXIS	1003	1003	1003	1003	1003	1003	1003	1003	1003
M_GRAPH_SERIES	1004	1004	1004	1004	1004	1004	1004	1004	1004
MapBasic									
M_MAPBASIC_CLEAR	1101	1101	1101	1101	1101	1101	1101	1101	1101
M_MAPBASIC_SAVECONTENTS	1102	1102	1102	1102	1102	1102	1102	1102	1102
Redistrict									
M_REDISTRICT_ASSIGN	705	705	705	705	705	705	705	705	705
M_REDISTRICT_TARGET	706	706	706	706	706	706	706	706	706
M_REDISTRICT_ADD	707	707	707	707	707	707	707	707	707
M_REDISTRICT_DELETE	708	708	708	708	708	708	708	708	708
M_REDISTRICT_OPTIONS	709	709	709	709	709	709	709	709	709
Legend									
M_LEGEND_ADD_FRAMES	1903	1903	1903	1903					
M_LEGEND_REFRESH	1902	1902	1902	1902					
M_LEGEND_PROPERTIES	1901	1901	1901	1901					
M_LEGEND_DELETE	1904								
Graph (new)									
M_GRAPH_FORMATING	2007	2007	2007	(*)					
M_GRAPH_GENERAL_OPTIONS	2002	2002	2002	(*)					
M_GRAPH_SERIES_OPTIONS	2003	2003	2003	(*)					
M_GRAPH_GRID_SCALES	2004	2004	2004	(*)					
M_GRAPH_TITLES	2005	2005	2005	(*)					
M_GRAPH_3D_VIEWING_ANGLE	2006	2006	2006	(*)					
M_GRAPH_SAVE_AS_TEMPLATE	2008	2008	2008	(*)					

Menus v650 v600 v550 v500 v450 v412 v410 v400 v300

3Dmap

M_3DMAP_REFRESH_GRID_TEXTURE	2103	2103
M_3DMAP_CLONE_VIEW	2105	2105
M_3DMAP_PREVIOUS_VIEW	2106	2106
M_3DMAP_VIEW_ENTIRE_GRID	2101	2101
M_3DMAP_VIEWPOINT_CONTROL	2107	2107 (*)
M_3DMAP_WIREFRAME	2104	2104
M_3DMAP_PROPERTIES	2102	2102

Crystal Rep sub of Tools

New Report	1802	1802	1802	1802
Open Report	1803	1803	1803	1803

Tools

Tool Manager	1801	1801	1801	1801	1801
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M_FILE_RUN	110
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Not in standard menus
or button pads

M_TOOLS_MAPBASIC	1720	1720	1720	1720	1720	1720	1720	1720	1720
M_TOOLS_SEARCH_POLYGON	note 1	note 1	1733	1733	1733	1733	1733	1733	1733

note 1 M_TOOLS_SEARCH_POLYGON (1733) is on the Main buttonpad starting v6.0. Document not updated

(__)* in a form now obsolete (see special table further down)

SHORTCUTMENUS

Shortcut menus were introduced in version 4.00

SHORTCUTS		v650	v600	v550	v500	v450	v412	v410	v400	SHORTCUTS		v650	v600	v550	v500	v450	v412	v410	v400
Default	M_EDIT_UNDO	201	201	201	201	201	201	201	201	Command	M_EDIT_UNDO	201	201	201	201	201	201	201	201
	M_EDIT_CUT	202	202	202	202	202	202	202	202		M_EDIT_CUT	202	202	202	202	202	202	202	202
	M_EDIT_COPY	203	203	203	203	203	203	203	203		M_EDIT_COPY	203	203	203	203	203	203	203	203
	M_EDIT_PASTE	204	204	204	204	204	204	204	204		M_EDIT_PASTE	204	204	204	204	204	204	204	204
Mapper	M_MAP_LAYER_CONTROL	801	801	801	801	801	801	801	801	Redistrict	M_REDISTRICT_ASSIGN	705	705	705	705	705	705	705	705
	<i>Turn Autoscroll Off/On (Mapper)</i>	815	815	815	815	815					M_REDISTRICT_TARGET	706	706	706	706	706	706	706	706
	M_MAP_CLEAR_COSMETIC	810	810	810	810	810	810	810	810		M_REDISTRICT_ADD	707	707	707	707	707	707	707	707
	M_MAP_CHANGE_VIEW	805	805	805	805	805	805	805	805		M_REDISTRICT_DELETE	708	708	708	708	708	708	708	708
Browser	M_MAP_CLONE_MAPPER	811	811	811	811	811	811	811	811	Legend	M_LEGEND_ADD_FRAMES	1903	1903	1903	1903				
	M_MAP_PREVIOUS	806	806	806	806	806	806	806	806		M_LEGEND_REFRESH	1902	1902	1902	1902				
	M_MAP_ENTIRE_LAYER	807	807	807	807	807	807	807	807		M_LEGEND_DELETE	1904	1904	1904	1904				
	M_EDIT_GETINFO	207	207	207	207	207	207	207	207		M_LEGEND_PROPERTIES	1901	1901	1901	1901				
Layout	M_EDIT_NEW_ROW	702	702	702	702	702	702	702	702	Grapher	M_GRAPH_FORMATING	2007	2007	2007					
	M_BROWSE_PICK_FIELDS	704	704	704	704	704	704	704	704		M_GRAPH_GENERAL_OPTIONS	2002	2002	2002					
	M_LAYOUT_CHANGE_VIEW	902	902	902	902	902	902	902	902		M_GRAPH_SERIES_OPTIONS	2003	2003	2003					
	M_LAYOUT_ACTUAL	903	903	903	903	903	903	903	903		M_GRAPH_GRID_SCALES	2004	2004	2004					
Grapher	M_LAYOUT_ENTIRE	904	904	904	904	904	904	904	904	3Dmap	M_GRAPH_TITLES	2005	2005	2005					
	M_LAYOUT_PREVIOUS	905	905	905	905	905	905	905	905		M_GRAPH_3D_VIEWING_ANGLE	2006	2006	2006					
	M_LAYOUT_BRING2FRONT	906	906	906	906	906	906	906	906		M_GRAPH_SAVE_AS_TEMPLATE	2008	2008	2008					
	M_LAYOUT_SEND2BACK	907	907	907	907	907	907	907	907		M_3DMAP_REFRESH_GRID_TEXTURE	2103	2103						
Grapher	M_LAYOUT_ALIGN	908	908	908	908	908	908	908	908	3Dmap	M_3DMAP_CLONE_VIEW	2105	2105						
	M_LAYOUT_DROPSHADOWS	909	909	909	909	909	909	909	909		M_3DMAP_PREVIOUS_VIEW	2106	2106						
	<i>Turn Autoscroll Off/On (Layout)</i>	910	910	910	910	910					M_3DMAP_VIEW_ENTIRE_GRID	2101	2101						
	M_GRAPH_TYPE	1001	1001	1001	1001	1001	1001	1001	1001		<i>Viewpoint Control</i>	2107	2107						
Grapher	M_GRAPH_LABEL_AXIS	1002	1002	1002	1002	1002	1002	1002	1002	3Dmap	M_3DMAP_WIREFRAME	2104	2104						
	M_GRAPH_VALUE_AXIS	1003	1003	1003	1003	1003	1003	1003	1003										
	M_GRAPH_SERIES	1004	1004	1004	1004	1004	1004	1004	1004										

M_3DMAP_PROPERTIES 2102 2102

BUTTONPADS (as defined in mapinfow.mnu)

BUTTONPADS	v650	v600	v550	v500	v450	v412	v410	v400	v300
Tools									
M_FILE_RUN	110	110	110	110	110	110	110	110	110
M_WINDOW_MAPBASIC	608	608	608	608	608	608	608	608	608
Main									
M_TOOLS_SELECTOR	1701	1701	1701	1701	1701	1701	1701	1701	1701
M_TOOLS_SEARCH_RECT	1722	1722	1722	1722	1722	1722	1722	1722	1722
M_TOOLS_SEARCH_RADIUS	1703	1703	1703	1703	1703	1703	1703	1703	1703
M_TOOLS_SEARCH_POLYGON	1733	1733	1733	note 1					
M_TOOLS_SEARCH_BOUNDARY	1704	1704	1704	1704	1704	1704	1704	1704	1704
M_QUERY_UNSELECT	304	304							
InvertSelection 311									
Graph select 1735									
	1735	1735							
M_TOOLS_EXPAND	1705	1705	1705	1705	1705	1705	1705	1705	1705
M_TOOLS_SHRINK	1706	1706	1706	1706	1706	1706	1706	1706	1706
M_MAP_CHANGE_VIEW	805	805	805	805	805	805	805	805	805
M_TOOLS_RECENTER	1702	1702	1702	1702	1702	1702	1702	1702	1702
M_TOOLS_PNT_QUERY	1707	1707	1707	1707	1707	1707	1707	1707	1707
M_TOOLS_HOTLINK	1736	1736							
M_TOOLS_LABELER	1708	1708	1708	1708	1708	1708	1708	1708	1708
M_TOOLS_DRAGWINDOW	1734	1734	1734	1734	1734	1734	1734	1734	1734
M_MAP_LAYER_CONTROL	801	801	801	801	801	801	801	801	801
M_TOOLS_RULER	1710	1710	1710	1710	1710	1710	1710	1710	1710
M_WINDOW_LEGEND	606	606	606	606	606	606	606	606	606
M_WINDOW_STATISTICS	607	607	607	607	607	607	607	607	607
M_REDISTRICT_TARGET	706	706	706	706	706	706	706	706	706
M_REDISTRICT_ASSIGN	705	705	705	705	705	705	705	705	705
M_MAP_CLIP_REGION_ONOFF	813	813	813	813	813	813	813	813	813
M_MAP_SET_CLIP_REGION	812	812	812	812	812	812	812	812	812

BUTTONPADS	v650	v600	v550	v500	v450	v412	v410	v400	v300
Drawing									
M_TOOLS_POINT	1711	1711	1711	1711	1711	1711	1711	1711	1711
M_TOOLS_LINE	1712	1712	1712	1712	1712	1712	1712	1712	1712
M_TOOLS_POLYLINE	1713	1713	1713	1713	1713	1713	1713	1713	1713
M_TOOLS_ARC	1716	1716	1716	1716	1716	1716	1716	1716	1716
M_TOOLS_POLYGON	1714	1714	1714	1714	1714	1714	1714	1714	1714
M_TOOLS_ELLIPSE	1715	1715	1715	1715	1715	1715	1715	1715	1715
M_TOOLS_RECTANGLE	1717	1717	1717	1717	1717	1717	1717	1717	1717
M_TOOLS_ROUNDEDRECT	1718	1718	1718	1718	1718	1718	1718	1718	1718
M_TOOLS_TEXT	1709	1709	1709	1709	1709	1709	1709	1709	1709
M_TOOLS_FRAME	1719	1719	1719	1719	1719	1719	1719	1719	1719
M_EDIT_RESHAPE	1601	1601	1601	1601	1601	1601	1601	1601	1601
M_TOOLS_ADD_NODE	1723	1723	1723	1723	1723	1723	1723	1723	1723
M_FORMAT_PICK_SYMBOL	503	503	503	503	503	503	503	503	503
M_FORMAT_PICK_LINE	501	501	501	501	501	501	501	501	501
M_FORMAT_PICK_FILL	502	502	502	502	502	502	502	502	502
M_FORMAT_PICK_FONT	504	504	504	504	504	504	504	504	504
Standard									
M_FILE_NEW	101	101	101	101	101	101	101	101	
M_FILE_OPEN	102	102	102	102	102	102	102	102	
M_FILE_SAVE	105	105	105	105	105	105	105	105	
M_FILE_PRINT	112	112	112	112	112	112	112	112	
M_EDIT_CUT	202	202	202	202	202	202	202	202	
M_EDIT_COPY	203	203	203	203	203	203	203	203	
M_EDIT_PASTE	204	204	204	204	204	204	204	204	
M_EDIT_UNDO	201	201	201	201	201	201	201	201	
M_WINDOW_BROWSE	601	601	601	601	601	601	601	601	
M_WINDOW_MAP	602	602	602	602	602	602	602	602	
M_WINDOW_GRAPH	603	603	603	603	603	603	603	603	
M_WINDOW_LAYOUT	604	604	604	604	604	604	604	604	
M_WINDOW_REDRAW	615	615	615	615	615	615	615	615	

BUTTONPADS	v650	v600	v550	v500	v450	v412	v410	v400	v300
<i>Help</i>	1207	1207	1207	1207	1207	1207	1207	1207	
DBMS (note 2)									
M_FILE_OPEN_ODBC	116	116	116	116	116	116	116	116	
M_TABLE_REFRESH	417	417	417	417	417	417	417	417	
M_TABLE_UNLINK	416	416	416	416	416	416	416	416	
M_TABLE_MAKEMAPPABLE	415	415	415	415	415	415	415	415	
M_TABLE_CHANGESYMBOL	418	418	418	418	418	418	418	418	
Close DBMS connection	124	124	124						

note 1

M_TOOLS_SEARCH_POLYGON (1733) is on the Main buttonpad starting v5.5. MI documents (550 & 600) not updated

note 2

The ODBC pad was renamed DBMS in version 550

MISCELLANEOUS INFORMATION

Defined but not used as menu items

	v600	v600	v550	v500	v450	v412	v410	v400	v300
Preferences									
M_EDIT_PREFEREN CES_SYSTEM	210	210	210	210	210	210	210	210	
M_EDIT_PREFEREN CES_FILE	211	211	211	211	211	211	211	211	
M_EDIT_PREFEREN CES_MAP	212	212	212	212	212	212	212	212	
M_EDIT_PREFEREN CES_COUNTRY	213	213	213	213	213	213	213	213	
M_EDIT_PREFEREN CES_PATH	214	214	214	214	214	214	214	214	
M_EDIT_PREFEREN CES_LEGEND	215	215	215						
M_EDIT_PREFEREN CES_OUTPUT	216	216							
M_EDIT_PREFEREN CES_ PRINTER	217	217							
Window									
M_WINDOW_MORE	614	614	614	614	614	614	614	614	614
M_WINDOW_FIRST	620	620	620	620	620	620	620	620	620
Help									
M_HELP_CONTEXT SENSITIVE	1201	1201	1201	1201	1201	1201	1201	1201	1201
M_HELP_CONTENTS	1202	1202	1202	1202	1202	1202	1202	1202	1202
M_HELP_USE_HELP	1204	1204	1204	1204	1204	1204	1204	1204	1204
M_HELP_HELPMODE	1206	1206	1206	1206	1206	1206	1206	1206	1206
M_HELP_TECH SUPPORT	1208	1208	1208	1208	1208	1208	1208	1208	1208
Tools									
M_TOOLS_MAPBASIC	1720	1720	1720	1720	1720	1720	1720	1720	1720
M_TOOLS_SEARCH_ POLYGON			<i>note 1</i>	1733	1733	1733	1733	1733	1733

note 1 M_TOOLS_SEARCH_POLYGON (1733) is on the Main buttonpad starting v550. MI document not updated

Constants whose names have changed: these are left for backward compatibility with existing programs. Recommended action is to use the new name as indicated. Note that there might be some functional difference between the old functionality and the current functionality.

<i>oldies</i>	since version		<i>Terms to use</i>
M_ANALYZE_CUSTOMIZE_LEGEND	3.0	308	M_MAP_MODIFY_THEMATIC
M_ANALYZE_SHADE	3.0	307	M_MAP_THEMATIC
M_BROWSE_GRID	3.0	703	M_BROWSE_OPTIONS
M_BROWSE_NEW_RECORD	4.0	702	M_EDIT_NEW_ROW
M_FILE_ABOUT	3.0	1205	M_HELP_ABOUT
M_FILE_HELP	3.0	1202	M_HELP_CONTENTS
M_FILE_PRINT_SETUP	4.0	111	M_FILE_PAGE_SETUP
M_LAYOUT_LAYOUT_SIZE	3.0	902	M_LAYOUT_CHANGE_VIEW
M_MAP_SETUNITS	3.0	802	M_MAP_OPTIONS
M_OBJECTS_BREAKPOLY	3.0	1604	M_OBJECTS_CVT_PLINE
M_OBJECTS_MERGE	3.0	1605	M_OBJECTS_COMBINE
M_OBJECTS_RESHAPE	4.0	1601	M_EDIT_RESHAPE
M_WINDOW_EXPORT_WINDOW	4.0	609	M_FILE_SAVE_WINDOW_AS
M_WINDOW_TOOL_PALETTE	3.0	605	M_WINDOW_BUTTONPAD

Obsolete menu items (V.<3.0) that are not used in the latest version of MapInfo

M_BROWSE_EDIT	701	OBSOLETE since v.3 – DOES NOTHING
M_MAP_AUTOLABEL	804	OBSOLETE since v.3 – DOES NOTHING
M_MAP_PROJECTION	808	SAME AS M_MAP_OPTIONS (802)

Provided for backwards compatibility (MI 2.0)		v450 - v650	v300 - v412
Analyze	M_ANALYZE_SELECT	301	301
	M_ANALYZE_SQLQUERY	302	302
	M_ANALYZE_SELECTALL	303	303
	M_ANALYZE_UNSELECT	304	304
	M_ANALYZE_FIND	305	305
	M_ANALYZE_FIND_SELECTION	306	306
	M_ANALYZE_CALC_STATISTICS	309	309
Style	M_FORMAT_PICK_LINE	501	501
	M_FORMAT_PICK_FILL	502	502
	M_FORMAT_PICK_SYMBOL	503	503
	M_FORMAT_PICK_FONT	504	504
Tools	M_FILE_RUN		110
	M_WINDOW_MAPBASIC		608

Menu items by numerical order and the use made of them

Where they are used : menu > menu name
 button pad > name+ BP
 shortcut > name (includes shortcut as part of name)
 or comments such as
 obsolete
 Back Comp > provided for backwards compatibility
 old terminology > replaced by a new term
 [blank] > defined but not used in any predefined form

Code	Define or description	used in ...			
101	M_FILE_NEW	File	124	M_FILE_CLOSE ODBC	(Defined in 6.5) File
101	M_FILE_NEW	Standard BP	124	M_FILE_CLOSE ODBC	(Defined in 6.5) DBMS (ODBC until v?) BP
102	M_FILE_OPEN	File	201	M_EDIT_UNDO	Edit
102	M_FILE_OPEN	Standard BP	201	M_EDIT_UNDO	DefaultShortcut
103	M_FILE_CLOSE	File	201	M_EDIT_UNDO	CmdShortcut
104	M_FILE_CLOSE_ALL	File	201	M_EDIT_UNDO	Standard BP
105	M_FILE_SAVE	File	202	M_EDIT_CUT	Edit
105	M_FILE_SAVE	Standard BP	202	M_EDIT_CUT	DefaultShortcut
106	M_FILE_SAVE_COPY_AS	File	202	M_EDIT_CUT	CmdShortcut
107	M_FILE_REVERT	File	202	M_EDIT_CUT	Standard BP
108	M_FILE_ADD_WORKSPACE	File	203	M_EDIT_COPY	Edit
109	M_FILE_SAVE_WORKSPACE	File	203	M_EDIT_COPY	DefaultShortcut
110	M_FILE_RUN	File	203	M_EDIT_COPY	CmdShortcut
110	M_FILE_RUN	Tools BP	203	M_EDIT_COPY	Standard BP
110	M_FILE_RUN	Tools (Back.Comp)	204	M_EDIT_PASTE	Edit
111	M_FILE_PAGE_SETUP	File	204	M_EDIT_PASTE	DefaultShortcut
111	M_FILE_PRINT_SETUP	Old terminology	204	M_EDIT_PASTE	CmdShortcut
112	M_FILE_PRINT	File	204	M_EDIT_PASTE	Standard BP
112	M_FILE_PRINT	Standard BP	205	M_EDIT_CLEAR	Edit
113	M_FILE_EXIT	File	206	M_EDIT_CLEAROBJ	Edit
114	M_SENDMAIL_CURRENTWINDOW	Send Mail, sub of File	207	M_EDIT_GETINFO	Edit
115	M_SENDMAIL_WORKSPACE	Send Mail, sub of File	207	M_EDIT_GETINFO	MapperShortcut
116	M_FILE_OPEN_ODBC	File	208	M_EDIT_PREFERENCES	Options
116	M_FILE_OPEN_ODBC	DBMS (ODBC until v?) BP	210	M_EDIT_PREFERENCES_SYSTEM	
117	M_FILE_SAVE_QUERY	(defined in 6.50) File	211	M_EDIT_PREFERENCES_FILE	
			212	M_EDIT_PREFERENCES_MAP	
			213	M_EDIT_PREFERENCES_COUNTRY	

214	M_EDIT_PREFERENCES_PATH	
215	M_EDIT_PREFERENCES_LEGEND	
216	M_EDIT_PREFERENCES_OUTPUT	
217	M_EDIT_PREFERENCES_PRINTER	
301	M_QUERY_SELECT	Query
301	M_ANALYZE_SELECT	Analyze (Back.Comp)
302	M_QUERY_SQLQUERY	Query
302	M_ANALYZE_SQLQUERY	Analyze (Back.Comp)
303	M_QUERY_SELECTALL	Query
303	M_ANALYZE_SELECTALL	Analyze (Back.Comp)
304	M_QUERY_UNSELECT	Query
304	M_QUERY_UNSELECT	Main BP
304	M_ANALYZE_UNSELECT	Analyze (Back.Comp)
305	M_QUERY_FIND	Query
305	M_ANALYZE_FIND	Analyze (Back.Comp)
306	M_QUERY_FIND_SELECTION	Query
306	M_ANALYZE_FIND_SELECTION	Analyze (Back.Comp)
307	M_MAP_THEMATIC	Map
307	M_ANALYZE_SHADE	Old terminology
308	M_MAP_MODIFY_THEMATIC	Map
308	M_ANALYZE_CUSTOMIZE_LEGEND	Old terminology
309	M_QUERY_CALC_STATISTICS	Query
309	M_ANALYZE_CALC_STATISTICS	Analyze (Back.Comp)
311	M_QUERY_INVERT_SELECT	Query
311	M_QUERY_INVERT_SELECT	Main BP
401	M_TABLE_IMPORT	Table
402	M_TABLE_EXPORT	Table
403	M_TABLE_PACK	Maintenance sub of Table
404	M_TABLE_MODIFY_STRUCTURE	Maintenance sub of Table
405	M_TABLE_UPDATE_COLUMN	Table
406	M_TABLE_MERGE_USING_COLUMN	Table
407	M_TABLE_GEOCODE	Table
408	M_TABLE_CREATE_POINTS	Table
409	M_TABLE_DELETE	Maintenance sub of Table
410	M_TABLE_RENAME	Maintenance sub of Table
411	M_TABLE_APPEND	Table
413	M_TABLE_RASTER_REG	Raster sub of Table
414	M_TABLE_RASTER_STYLE	Raster sub of Table
415	M_TABLE_MAKEMAPPABLE	Maintenance sub of Table
415	M_TABLE_MAKEMAPPABLE	DBMS (ODBC until v?) BP

416	M_TABLE_UNLINK	Maintenance sub of Table
416	M_TABLE_UNLINK	DBMS (ODBC until v?) BP
417	M_TABLE_REFRESH	Maintenance sub of Table
417	M_TABLE_REFRESH	DBMS (ODBC until v?) BP
418	M_TABLE_CHANGESYMBOL	Maintenance sub of Table
418	M_TABLE_CHANGESYMBOL	DBMS (ODBC until v?) BP
501	M_FORMAT_PICK_LINE	Options
501	M_FORMAT_PICK_LINE	Drawing BP
501	M_FORMAT_PICK_LINE	Style (Back.Comp)
502	M_FORMAT_PICK_FILL	Options
502	M_FORMAT_PICK_FILL	Drawing BP
502	M_FORMAT_PICK_FILL	Style (Back.Comp)
503	M_FORMAT_PICK_SYMBOL	Options
503	M_FORMAT_PICK_SYMBOL	Drawing BP
503	M_FORMAT_PICK_SYMBOL	Style (Back.Comp)
504	M_FORMAT_PICK_FONT	Options
504	M_FORMAT_PICK_FONT	Drawing BP
504	M_FORMAT_PICK_FONT	Style (Back.Comp)
601	M_WINDOW_BROWSE	Window
601	M_WINDOW_BROWSE	Standard BP
602	M_WINDOW_MAP	Window
602	M_WINDOW_MAP	Standard BP
603	M_WINDOW_GRAPH	Window
603	M_WINDOW_GRAPH	Standard BP
604	M_WINDOW_LAYOUT	Window
604	M_WINDOW_LAYOUT	Standard BP
605	M_WINDOW_BUTTONPAD	Options
605	M_WINDOW_TOOL_PALETTE	Old terminology
606	M_WINDOW_LEGEND	Options
606	M_WINDOW_LEGEND	Main BP
607	M_WINDOW_STATISTICS	Options
607	M_WINDOW_STATISTICS	Main BP
608	M_WINDOW_MAPBASIC	Options
608	M_WINDOW_MAPBASIC	Tools BP
608	M_WINDOW_MAPBASIC	Tools (Back.Comp)
609	M_FILE_SAVE_WINDOW_AS	File
609	M_WINDOW_EXPORT_WINDOW	Old terminology
610	M_WINDOW_REDRAW	Window
611	M_WINDOW_TILE	Window
612	M_WINDOW_CASCADE	Window

613	M_WINDOW_ARRANGEICONS	Window
614	M_WINDOW_MORE	
615	M_WINDOW_REDISTRICKT	Window
615	M_WINDOW_REDRAW	Standard BP
616	M_WINDOW_STATUSBAR	Options
617	M_FORMAT_CUSTOM_COLORS	Options
620	M_WINDOW_FIRST	
701	M_BROWSE_EDIT	Obsolete
702	M_EDIT_NEW_ROW	Edit
702	M_EDIT_NEW_ROW	BrowserShortcut
702	M_BROWSE_NEW_RECORD	Old terminology
703	M_BROWSE_OPTIONS	Browse
703	M_BROWSE_GRID	Old terminology
704	M_BROWSE_PICK_FIELDS	Browse
704	M_BROWSE_PICK_FIELDS	BrowserShortcut
705	M_REDISTRICKT_ASSIGN	Redistrict
705	M_REDISTRICKT_ASSIGN	RedistrictShortcut
705	M_REDISTRICKT_ASSIGN	Main BP
706	M_REDISTRICKT_TARGET	Redistrict
706	M_REDISTRICKT_TARGET	RedistrictShortcut
706	M_REDISTRICKT_TARGET	Main BP
707	M_REDISTRICKT_ADD	Redistrict
707	M_REDISTRICKT_ADD	RedistrictShortcut
708	M_REDISTRICKT_DELETE	Redistrict
708	M_REDISTRICKT_DELETE	RedistrictShortcut
709	M_REDISTRICKT_OPTIONS	Redistrict
801	M_MAP_LAYER_CONTROL	Map
801	M_MAP_LAYER_CONTROL	MapperShortcut
801	M_MAP_LAYER_CONTROL	Main BP
802	M_MAP_OPTIONS	Map
802	M_MAP_SETUNITS	Old terminology
803	M_MAP_SETUPDIGITIZER	Map
804	M_MAP_AUTOLABEL	Obsolete Map V300 only
805	M_MAP_CHANGE_VIEW	Map
805	M_MAP_CHANGE_VIEW	MapperShortcut
805	M_MAP_CHANGE_VIEW	Main BP
806	M_MAP_PREVIOUS	Map
806	M_MAP_PREVIOUS	MapperShortcut
807	M_MAP_ENTIRE_LAYER	Map
807	M_MAP_ENTIRE_LAYER	MapperShortcut

808	M_MAP_PROJECTION	Obsolete
809	M_MAP_SAVE_COSMETIC	Map
810	M_MAP_CLEAR_COSMETIC	Map
810	M_MAP_CLEAR_COSMETIC	MapperShortcut
811	M_MAP_CLONE_MAPPER	Map
811	M_MAP_CLONE_MAPPER	MapperShortcut
812	M_MAP_SET_CLIP_REGION	Map
812	M_MAP_SET_CLIP_REGION	Main BP
813	M_MAP_CLIP_REGION_ONOFF	Map
813	M_MAP_CLIP_REGION_ONOFF	Main BP
814	M_MAP_CLEAR_CUSTOM_LABELS	Map
815	<i>Turn Autoscroll Off/On in Mapper</i>	
815		MapperShortcut
816	M_MAP_CREATE_LEGEND	Map
817	M_MAP_CREATE_3DMAP	Map
818	M_MAP_CREAT_PRISMMAP	Map
901	M_LAYOUT_DISPLAYOPTIONS	Layout
902	M_LAYOUT_CHANGE_VIEW	Layout
902	M_LAYOUT_CHANGE_VIEW	LayoutShortcut
902	M_LAYOUT_LAYOUT_SIZE	Old terminology
903	M_LAYOUT_ACTUAL	Layout
903	M_LAYOUT_ACTUAL	LayoutShortcut
904	M_LAYOUT_ENTIRE	Layout
904	M_LAYOUT_ENTIRE	LayoutShortcut
905	M_LAYOUT_PREVIOUS	Layout
905	M_LAYOUT_PREVIOUS	LayoutShortcut
906	M_LAYOUT_BRING2FRONT	Layout
906	M_LAYOUT_BRING2FRONT	LayoutShortcut
907	M_LAYOUT_SEND2BACK	Layout
907	M_LAYOUT_SEND2BACK	LayoutShortcut
908	M_LAYOUT_ALIGN	Layout
908	M_LAYOUT_ALIGN	LayoutShortcut
909	M_LAYOUT_DROPSHADOWS	Layout
909	M_LAYOUT_DROPSHADOWS	LayoutShortcut
910	<i>Turn Autoscroll Off/On in Layout</i>	
910		LayoutShortcut
1001	M_GRAPH_TYPE	Graph
1001	M_GRAPH_TYPE	GrapherShortcut
1002	M_GRAPH_LABEL_AXIS	Graph
1002	M_GRAPH_LABEL_AXIS	GrapherShortcut
1003	M_GRAPH_VALUE_AXIS	Graph
1003	M_GRAPH_VALUE_AXIS	GrapherShortcut

1004	M_GRAPH_SERIES	Graph
1004	M_GRAPH_SERIES	GrapherShortcut
1101	M_MAPBASIC_CLEAR	MapBasic
1102	M_MAPBASIC_SAVECONTENTS	MapBasic
1201	M_HELP_CONTEXTSENSITIVE	
1202	M_HELP_CONTENTS	Help v300 only
1202	M_FILE_HELP	Old terminology
1203	M_HELP_SEARCH	Help
1204	M_HELP_USE_HELP	Help v300 only
1205	M_HELP_ABOUT	Help
1205	M_FILE_ABOUT	Old terminology
1206	M_HELP_HELPMODE	
1207		<i>Help Standard BP</i>
1208	M_HELP_TECHSUPPORT	Help v300 only
1209	M_HELP_CONNECT_MIFORUM	Help
1210	M_HELP_MAPINFO_WWW	Help
1211	M_HELP_MAPINFO_WWW_STORE	Help
1601	M_EDIT_RESHAPE	Edit
1601	M_EDIT_RESHAPE	Drawing BP
1601	M_OBJECTS_RESHAPE	Old terminology
1602	M_OBJECTS_SMOOTH	Objects
1603	M_OBJECTS_UNSMOOTH	Objects
1604	M_OBJECTS_CVT_PLINE	Objects
1604	M_OBJECTS_BREAKPOLY	Old terminology
1605	M_OBJECTS_COMBINE	Objects
1605	M_OBJECTS_MERGE	Old terminology
1606	M_OBJECTS_BUFFER	Objects
1607	M_OBJECTS_CVT_PGON	Objects
1610	M_OBJECTS_SET_TARGET	Objects
1611	M_OBJECTS_CLEAR_TARGET	Objects
1612	M_OBJECTS_SPLIT	Objects
1613	M_OBJECTS_ERASE	Objects
1614	M_OBJECTS_ERASE_OUT	Objects
1615	M_OBJECTS_OVERLAY	Objects
1616	M_OBJECTS_CONVEX_HULL (<i>Defined in 6.50</i>)	Objects
1617	M_OBJECTS_ENCLOSE (<i>id.</i>)	Objects
1618	M_OBJECTS_CHECK_REGIONS (<i>id.</i>)	Objects
1619	M_OBJECTS_CLEAN	Objects
1620	M_OBJECTS_SNAP	Objects
1621	M_OBJECTS_DIASAGGREGATE	Objects

1701	M_TOOLS_SELECTOR	Main BP
1702	M_TOOLS_RECENTER	Main BP
1703	M_TOOLS_SEARCH_RADIUS	Main BP
1704	M_TOOLS_SEARCH_BOUNDARY	Main BP
1705	M_TOOLS_EXPAND	Main BP
1706	M_TOOLS_SHRINK	Main BP
1707	M_TOOLS_PNT_QUERY	Main BP
1708	M_TOOLS_LABELER	Main BP
1709	M_TOOLS_TEXT	Drawing BP
1710	M_TOOLS_RULER	Main BP
1711	M_TOOLS_POINT	Drawing BP
1712	M_TOOLS_LINE	Drawing BP
1713	M_TOOLS_POLYLINE	Drawing BP
1714	M_TOOLS_POLYGON	Drawing BP
1715	M_TOOLS_ELLIPSE	Drawing BP
1716	M_TOOLS_ARC	Drawing BP
1717	M_TOOLS_RECTANGLE	Drawing BP
1718	M_TOOLS_ROUNDEDRECT	Drawing BP
1719	M_TOOLS_FRAME	Drawing BP
1720	M_TOOLS_MAPBASIC	
1722	M_TOOLS_SEARCH_RECT	Main BP
1723	M_TOOLS_ADD_NODE	Drawing BP
1730	M_TOOLS_RASTER_REG	Raster sub of Table
1733	M_TOOLS_SEARCH_POLYGON	Main BP (starting v550)
1733	M_TOOLS_SEARCH_POLYGON	
1734	M_TOOLS_DRAGWINDOW	Main BP
1735		<i>Graph select</i> Main BP
1736	M_TOOLS_HOTLINK	Main BP
1801		<i>Tool Manger</i> Tools
1802		<i>New Report</i> Crystal Rep sub of Tools
1803		<i>Open Report</i> Crystal Rep sub of Tools
1901	M_LEGEND_PROPERTIES	Legend
1901	M_LEGEND_PROPERTIES	LegendShortcut
1902	M_LEGEND_REFRESH	Legend
1902	M_LEGEND_REFRESH	LegendShortcut
1903	M_LEGEND_ADD_FRAMES	Legend
1903	M_LEGEND_ADD_FRAMES	LegendShortcut
1904	M_LEGEND_DELETE	LegendShortcut
2002	M_GRAPH_GENERAL_OPTIONS (<i>def in 6.50</i>)	Graph (new)
2002	M_GRAPH_GENERAL_OPTIONS (<i>def in 6.50</i>)	GrapherShortcut

2003	M_GRAPH_SERIES_OPTIONS	(def in 6.50)	Graph (new)
2003	M_GRAPH_SERIES_OPTIONS	(def in 6.50)	GrapherShortcut
2004	M_GRAPH_GRID_SCALES	(def in 6.50)	Graph (new)
2004	M_GRAPH_GRID_SCALES	(def in 6.50)	GrapherShortcut
2005	M_GRAPH_TITLES	(def in 6.50)	Graph (new)
2005	M_GRAPH_TITLES	(def in 6.50)	GrapherShortcut
2006	M_GRAPH_3D_VIEWING_ANGLE	(def in 6.50)	Graph (new)
2006	M_GRAPH_3D_VIEWING_ANGLE	(def in 6.50)	GrapherShortcut
2007	M_GRAPH_FORMATING	(def in 6.50)	Graph (new)
2007	M_GRAPH_FORMATING	(def in 6.50)	GrapherShortcut
2008	M_GRAPH_SAVE_AS_TEMPLATE	(def in 6.50)	Graph (new)
2008	M_GRAPH_SAVE_AS_TEMPLATE	(def in 6.50)	GrapherShortcut
2101	M_3DMAP_VIEW_ENTIRE_GRID		3DMap
2101	M_3DMAP_VIEW_ENTIRE_GRID		3DMapShortcut
2102	M_3DMAP_PROPERTIES		3DMap
2102	M_3DMAP_PROPERTIES		3DMapShortcut
2103	M_3DMAP_REFRESH_GRID_TEXTURE		3DMap
2103	M_3DMAP_REFRESH_GRID_TEXTURE		3DMapShortcut
2104	M_3DMAP_WIREFRAME		3DMap
2104	M_3DMAP_WIREFRAME		3DMapShortcut
2105	M_3DMAP_CLONE_VIEW		3DMap
2105	M_3DMAP_CLONE_VIEW		3DMapShortcut
2106	M_3DMAP_PREVIOUS_VIEW		3DMap
2106	M_3DMAP_PREVIOUS_VIEW		3DMapShortcut
2107	M_3DMAP_VIEWPOINT_CONTROL	(def in 6.5)	3DMap
2107	M_3DMAP_VIEWPOINT_CONTROL	(def in 6.5)	3DMapShortcut